DELL

July 2, 2008

Captain Richard J. Duncan, USMC
Joint Interoperability Test Command
Ft. Huachuca, Arizona

Captain Duncan:

This letter states that the Dell PowerVault MD3000 and MD3000i Storage Arrays with the Release scheduled for Q3/Q4 for this year have been tested and comply with **DoD IPv6 Standard Profiles For IPv6 Capable Products, Version 2.0, 01 August 2007** sections 3.1.3.2 and 2.1.
The Dell PowerVault MD3000 and MD3000i are 3U rack-mounted external RAID enclosures capable of accommodating up to 15 SAS or SATA drives, expandable to 45 drives by connecting up to two additional MD1000 expansion units. They share the same chassis and highly leverage the (Storage Bridge Bay) SBB controllers, which have identical main controller boards with the only difference between the MD3000 and MD3000i being the host option card (SAS for the MD3000 and iSCSI for the MD3000i). The management ports and related code are shared across platforms.

The MD3000i can connect to up to 16 hosts utilizing 1 Gbps iSCSI connectivity, while the MD3000 supports up to 4 hosts through the 3.0 Gbps SAS connections.

The MD3000 and MD3000i comply with the following RFCs for a Network Appliance as stated in **Department of Defense Internet Protocol Version 6 Generic Test Plan Version 3, August 2007** Appendix F, and **DoD IPv6 Standard Profiles For IPv6 Capable Products, Version 2.0, 01 August 2007**.

RFC 2460 Internet Protocol v6 (IPv6) Specification

RFC 2461 Neighbor Discovery for IPv6

RFC 2462 IPv6 Stateless Address Auto-configuration

RFC 4007 IPv6 Scoped Address Architecture

RFC 4193 Unique Local IPv6 Unicast Addresses

RFC 4291 IP Version 6 Addressing Architecture

RFC 4443 Internet Control Message Protocol (ICMPv6)

RFC 2710 Multicast Listener Discovery (MLD) for IPv6

RFC 2464 Transmission of IPv6 Packets over Ethernet Networks

RFC 4213 Basic Transition Mechanisms for IPv6 Hosts and Routers

Sincerely,

Pete Korce
Dell, Inc.
Director PowerVault Engineering